Full 3D Pass-through
Support IR Control
Ultra HD 4K x 2K
70M Solution

HDMI Extender Over HDBase-T

EXHA07R

User Manual

HIGH-DEFINITION MULTIMEDIA INTERFACE

INTRODUCTION

This HDMI HDBase-T extender uses single CAT-5E/6/7 cable to extend 3D TV over 70m away from the source. It supports resolutions up to 4k x 2k full HD and high bit-rate audio formats such as Dolby True-HD and DTS-HD Master Audio. Support IR control system, IR transport channel can be forward or backward, an IR blaster and receiver pigtails are needed.

By using standard CAT6 cable(recommended), it makes HDMI signal extension easier to install within a room or through walls. The Extender's digital transmission uncompressed method insures 100% signal integrity.

PACKAGE CONTENTS

•1 x HDMI Transmitter unit, 1x HDMI Receiver unit
•2 x 5V DC power supply
•1 x User Manual

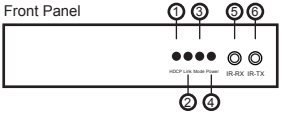
FEATURES

•HDMI, HDCP 1.2 and DVI Compliant
•Support full 3D pass-through
•Support 4k x 2k high resolution
•Super IR control system, IR transport channel can be forward or backward per your installation
•70M extension with a Cat5e/6/7 over HDBase-T technology
•Support CEC bypass
•External and internal EDID settings

PANEL DESCRIPTION

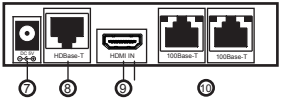
Transmitter Unit

Front Panel



① HDCP LED INDICATOR
② LINK LED INDICATOR
③ MODE LED INDICATOR
④ POWER LED INDICATOR
⑤ IR RX PORT

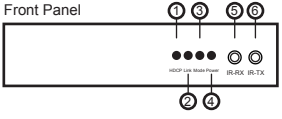
Rear Panel



⑥ IR TX PORT
⑦ POWER SUPPLY INPUT
⑧ HDBase-T OUTPUT
⑨ HDMI INPUT
⑩ NETWORK PORT

Receiver Unit

Front Panel



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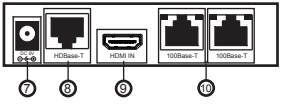


⑥ IR TX PORT
⑦ POWER SUPPLY INPUT
⑧ HDBase-T INPUT
⑨ HDMI OUTPUT
⑩ NETWORK PORT

NOTE

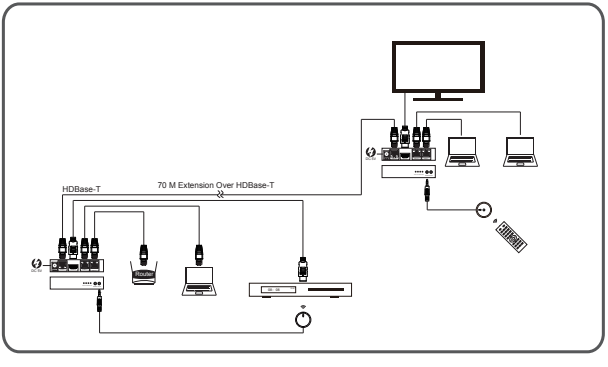
- The HDCP LED will illuminate in green when the input source signal contains HDCP data.
- The LINK LED will illuminate in green when both the Transmitter and Receiver are properly connected and data is being transmitted/received.
- The MODE LED will flash in green when the device is processing data.
- The POWER LED will be in red when power is on.

INSTALLATION

•Connect HDMI input port on transmitter to the signal source equipment such as DVD player.
•Connect the HDBase-T output of the transmitter with a CAT5e/6/7 cable to the HDBase-T input of the receiver.
•Connect one of the network input with a Cat5e/6/7 cable to a router and the rest three as output for PC for online use.
•Connect IR blaster cable (not included in the package) for signal transmission. Place the IR blaster in direct line-of-sight of the equipment to be controlled.
•Plug the 5VDC power supply into the unit and connect the adaptor to AC outlet.

•Connect the HDMI output of the receiver to the displays.
•Connect IR receiver cable (not included in the package) for signal reception. Place the IR receiver indirect line-of-sight of remote.
•Plug the 5VDC power supply into the unit and connect the adaptor to AC outlet.

CONNECTION DIAGRAM



SPECIFICATION

Transmitter	
Input Port	1 x HDMI (Female Connector)
Output Port	2 x IR Channels, 1 x HDBase-T, 2 x Network RJ45 Jack
Receiver	
Input Port	2 x IR Channels, 1 x HDBase-T, 2 x Network RJ45 Jack
Output Port	1 x HDMI (Female Connector)
Bandwidth	10.2Gbps
Output Resolution	480i~1080P@50/60,1080P@24/50/60, VGA~UXGA
Operating Temperature	-15℃~55℃/5°F~131°F
Deep Color	36bit
Chassis	Metal
Dimension	83mm(L)x46mm(W)x22mm(H)
Weight	465g
Power Supply	DC 5V

SAFETY PRECAUTIONS

Please read the following safety precautions carefully before you unpack and install this equipment.

1.Do not expose the unit to rain, moisture or any other dripping liquids. And keep it away from any wet locations such as fishing tanks, vases.
2.Do not install the unit close to fire or any other heat sources.
3.Keep the unit in dry and ventilated area. Do not install in bookcase, cabinet or any other confined space.
4.Stop using the unit during thundering or lightening storms.
5.Avoid the power cable to be stepped on or pinched. Position the unit carefully to avoid damage or accident.
6.Clean the unit only with dry cloth.
7.Only use accessories specified by the manufacturer.
8.Unplug the equipment when unused for a long period of time.
9.Do not try to open any non-serviceable parts. Contact your authorized servicing center and personnel.

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